

WHAT IS CLAIMED IS:

Subal 1. A therapeutic spa tub having a waterline and one or more therapeutic water nozzles for issuing jets of water into said tub, said one or more water nozzles each comprising a housing having an inlet for receiving a flow of water under pressure, a fluidic oscillator having an oscillation chamber and at least one power nozzle coupled to said inlet and said oscillation chamber for projecting at least one jet of water into said oscillation chamber in one or more outlets from said oscillation chamber for issuing one or more pulsating jets of water into said spa tub below said waterline, and an air passage in said outlet for selectively entraining ambient air in water passing through said outlet.

2. The therapeutic spa tub defined in Claim 1 wherein said fluidic oscillator is a reversing chamber oscillator wherein said oscillation chamber has a reversing wall, said power nozzle being centrally located for issuing a jet of said water toward said reversing wall, and a pair of liquid passages leading from said reversing chamber on each side of said power nozzle, respectively, for alternately carrying periodic pulses of said water and wherein said outlet passages are smoothly extended to intersect at a common outlet to ambient and water from said passages merge to form a low-frequency swept jet, and said

15 passages are dimensioned and angulated relative to each other to control the sweep angle of liquid jet in which is periodically swept into said common outlet to ambient water in said tub.

5 3. The therapeutic spa tub defined in Claim 2 wherein said pair of fluidic passages have an upstream end at said reversing chamber and downstream end at said common outlet, each said passage having an outer wall which, with said reversing wall, define an oval.

Subcl 4. The invention defined in Claim 3 wherein said common outlet has a pair of sidewalls which diverge in a downstream direction towards said ambient.

5 Subcl 5. A therapeutic spa tub having a waterline and one or more therapeutic water nozzles for issuing jets of water into said tub, said one or more water nozzles each comprising a housing having an inlet for receiving a flow of water under pressure, a fluidic oscillator having an oscillation chamber and at least one power nozzle coupled to said inlet and said oscillation chamber for projecting at least one jet of water into said oscillation chamber in one or more outlets from said oscillation chamber for issuing one or more pulsating jets of water into said spa tub below said waterline, said fluidic oscillator is a reversing chamber oscillator and wherein said oscillation

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chamber has a reversing wall, said power nozzle being centrally located for issuing a jet of said water toward said reversing wall, and a pair of liquid passages leading from said reversing chamber on each side of said power nozzle, respectively, for alternately carrying periodic pulses of said water and wherein said outlet passages are smoothly extended to intersect at common outlet to ambient and water from said passages merge to form a low-frequency swept water jet.

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6. The invention defined in Claim 5, wherein said nozzle has a threaded rear housing, a feed ring having a wall defining a water chamber surrounding said reversing chamber and an air chamber for coupling air to said outlet for entrainment in said swept water jet.